



E005_105b_seq.ST25.txt
SEQUENCE LISTING

<110> NERI, Dario
MELKKO, Samu

<120> Encoded Self-Assembling Chemical Libraries (Esachel)

<130> PUS-E005-105B

<140> 10/507,140
<141> 2002-04-15

<150> PCT/EP02/04153
<151> 2002-03-08

<160> 28

<170> PatentIn version 3.3

<210> 1
<211> 60
<212> DNA
<213> Artificial

<220>
<223> Primer L19VH_Eco_fo

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<211> 66
<212> DNA
<213> Artificial

<220>
<223> Primer L19VH_Hind_ba

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cagggt 66

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<211> 63
<212> DNA
<213> Artificial

<220>
<223> Primer L19VL_Eco_fo

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cca 63

<210> 4
<211> 69
<212> DNA
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<220>
<223> Primer L19VL_Hind_ba

<400> 4

E005_105b_seq.ST25.txt

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| <211> 60 | |
| <212> DNA | |
| <213> Artificial | |
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| <220> | |
| <223> Primer HH10VH_Eco_fo | |
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| <400> 5 | |
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| <210> 6 | |
| <211> 66 | |
| <212> DNA | |
| <213> Artificial | |
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| <220> | |
| <223> Primer HH10VH_Hind_ba | |
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| cagagt | 66 |
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| <210> 8 | |
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| <212> DNA | |
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| ggtcccccc | 69 |
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| <211> 48 | |
| <212> DNA | |
| <213> Artificial | |
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| <223> with 5' -thiol | |
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| <400> 9 | |

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48

<210> 10
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<212> DNA
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<213> Artificial

<220>
<223> Primer GST_3SH with 3'-thiol

<400> 14
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48

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E005_105b_seq.ST25.txt

<220>
<223> Primer 1AB_PCRfo

<400> 15
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<210> 16
<211> 18
<212> DNA
<213> Artificial

<220>
<223> Primer 1A_PCRba

<400> 16
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<210> 17
<211> 18
<212> DNA
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<220>
<223> Primer 1B_PCRba

<400> 17
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<210> 18
<211> 39
<212> DNA
<213> Artificial

<220>
<223> Primer typeB_oligo

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<210> 19
<211> 63
<212> DNA
<213> Artificial

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<223> Primer typeA_oligo with spacer element; d is a, c, g, or t

<220>
<221> Spacer element
<222> (40)..(45)

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tgc 63

<210> 20
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E005_105b_seq.ST25.txt

<223> Primer CodeABfo

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18

<210> 21

<211> 18

<212> DNA

<213> Artificial

<220>

<223> Primer CodeABba

<400> 21

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18

<210> 22

<211> 29

<212> DNA

<213> Artificial

<220>

<223> Primer with 5' sequence specifically coding a member of a sublibrary; where n is a, c, g, or t

<220>

<221> misc_feature

<222> (1)..(5)

<223> n is a, c, g, or t

<400> 22

nnnnncagca cacagaattc agaagctcc

29

<210> 23

<211> 29

<212> DNA

<213> Artificial

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<223> Primer with a 3' sequence specific for a member of a library; where n is a, c, g, or t

<220>

<221> misc_feature

<222> (25)..(29)

<223> n is a, c, g, or t

<400> 23

ggagcttctg aattctgtgt gctgnnnnn

29

<210> 24

<211> 24

<212> DNA

<213> Artificial

<220>

<223> Primer with 5' sequence specific for a chemical moiety linked to primer by a biotinylated base analog

<400> 24

cagcacacag aattcagaag ctcc

24

E005_105b_seq.ST25.txt

<210> 25
<211> 48
<212> DNA
<213> Artificial

<220>
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<210> 26
<211> 48
<212> DNA
<213> Artificial

<220>
<223> Primer with 3' (CH₂)₆-NH-iminobiotinyl group

<400> 26
tcgcgagggg aattcgtcat ttaccagcac acagaattca gaagctcc 48

<210> 27
<211> 48
<212> DNA
<213> Artificial

<220>
<223> Primer with 5' CY5-NH-(CH₂)₆ group

<400> 27
ggagttctg aattctgtgt gctggtgtgc cgacacgaat tccgcagc 48

<210> 28
<211> 48
<212> DNA
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<220>
<223> Primer with 3' (CH₂)₆-NH-CY5 group

<400> 28
tcgcgagggg aattcgtcgt taagcagcac acagaattca gaagctcc 48